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THE PLOTTER

CLACKAMAS COUNTY AREA T/S
USERS GROUP
NEWS LETTER

VOLUME 4

**

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EDITED BY: DICK WAGNER
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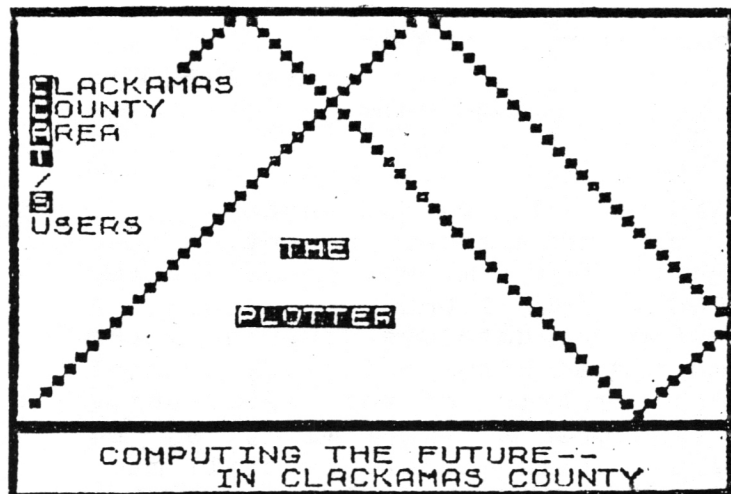
MEETING

The DECEMBER meeting will be:

on: FRI., DECEMBER 12, 1986
at: 7:30 P.M.
in: COMMUNITY ROOM
FAR WEST FEDERAL S & L
OREGON CITY SHOPPING CENTER

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Chairmans' Corner

Well, ya sure missed a goody this time! That is, if you weren't at the last meeting.

Our word processing exposition was a big hit. I even saw some things I did not know existed for our computers.

Almost as exciting was seeing all the hardware that folks are running! There is certainly a lot more to be coaxed from these old doorstops.

We covered a lot of ground so be sure to read the secretary's minutes this month. You will be seeing a new page in the newsletter, as we have joined forces with the PATS group. More on this as it developes.

Now its soapbox time, again. You probably didn't know I had gotten off! This time it is a reminder to vote. The ballot is herein enclosed as well as the nominations (those lucky devils).

Even if you have not been to a meeting all year, you need to vote. Remember, I am always telling you that this is your club, not mine. Now is your chance to make your views known. If you don't, you have no right to complain later.

Also, send in your suggestions or ideas along with your ballot. No one will know what you would like the club to do if we don't hear from you!

That's enough for now. See you at the december meeting. Happy Thanks-giving.

SECRETARY'S SECRETS

by Jack Armstrong

The November CCAT/S meeting was called to order by Syd Wynkoop at 8 p.m. with 18 members present. A new magazine, Quantum Levels, was noted by Syd and our library, including a selection of catalogs covering a CPM Group and an Epsom group was brought to the attention of the membership. The treasurer's report was given by Rod, and while modest, is still managing to meet our needs.

New business brought the nominations of candidates for offices in the new year. The election will be held at the next meeting. The nominees are: Dennis Jurries, Ed Frye and Syd Wynkoop for Chairman: Dick Wagner as a volunteer for the Vice-Chair position: Rod as a volunteer for Treasurer: Jack Armstrong and Syd Wynkoop for Secretary. The nominations were then closed.

It was brought up that Ken Lutes of PATS and the other members of that group wanted to merge with CCAT/s. They would like to have a portion of the Plotter for a column covering their Special Interest Group--probably covering machine code and other interests related directly to their group. A vote confirmed CCAT/S willingness to combine forces. Bill Rich suggested a chain letter type of program sharing by circulating a tape among participating members who would add programs of their own and send the tape on to the next person on the list. Ed Frye will start a tape for the 1000 and Bill Rich will start one for the 2068. Dick Wagner mentioned a magazine on tape that contains at least 12 programs for \$5.50. He has the pertinent info. The meeting was adjourned and the rest of the evening was spent in sharing information on the various word processing systems and programs that were brought and set up by various members.

The tape exchange programs will be added to the club library when the circuit is complete. Ed Frye suggested that we might even do an exchange with clubs nationally.

EXTENDED MODE REVISITED

Dick Wagner

The following is a re-print of the article on this subject by our Jack Armstrong in the December 85 issue of THE PLOTTER.

When you want to put a color Command into a line so it will be printed on screen in a color, you do not have to use the INK command.

Instead, you can imbed the color command in the line itself by using the CAPS/SHIFT & the SYMBOL/SHIFT together enter the EXTENDED MODE. Then hold down the CAPS/SHIFT & press the key representing the color of your choice.

This will imbed the color command just in front of the character that is the 1st one to print in that color. Then continue typing the characters until you are ready to change back to BLACK. Then go into the EXTENDED MODE again and, while holding down the CAPS/SHIFT key again, press the BLACK key. This returns you to the ordinary way of black letters again.

This is an interesting way to set off your REM statements so that they are eye-grabbers on the screen.

There are ways to change the PAPER commands, also, but I haven't been able to figure all of them out yet. I'm trying to see if FLASH command can be inserted, too.

Be sure and turn off the command at the end of the section you want to have in color. If you don't the command will affect all characters following. It must be turned off.

No space will be taken for the command in the line, but you will see the cursor change color and everything that you type will be affected."

This article received feedback from Peter Koletzke in KEYBOARDS May/June 1986 as follows:

Continued page 3

*To expand on the reprinted Jack Armstrong article in KEYBOARDS Jan/Feb 1986, you can enter BRIGHT and FLASH lines in your program listings from the EXTENDED MODE with the following:

1. Enter EXTENDED MODE (CAPS SHIFT + SYMBOL SHIFT).
2. For FLASH, press CAPS SHIFT + 9
3. For BRIGHT, press SYMBOL SHIFT

The FLASH and BRIGHT will now appear in whatever you type next. You can turn off the feature with:

1. CAPS SHIFT + SYMBOL SHIFT.
2. CAPS SHIFT + 8.

You may use any combination of the FLASH, BRIGHT, or COLORS (as covered in the Armstrong article). Just be sure to turn each OFF when you are done."

I thought it best to present the combined comments to make this information more useful. This proves that THE PLOTTER is read "out there" and The Editor appreciates seeing the work of our members commented on.

FROM THE EDITOR'S DESK

The November meeting turned out better than I had hoped for in more ways than one. First, possible consolidation of the CCAT/S and PATS was discussed. This move will add more members. PATS would be a special interest group and would retain their identity for this purpose. They would add a feature to THE PLOTTER, editing a page covering the SIGs activities. Machine language would be one of these.

Second, an active nominations for officers was the best we have experienced. Nice to have more than one person to consider for an office.

Third, the word processing demonstrations was great with 6 members participating. While not everyone is into WP, at least we were able to demonstrate the state of the art as we know it.

Many thanks for the turnout and interest shown.

BITS & BYTES

by: ROD GOWEN

Heard any TS related news lately? Did you get any information in the mail from other users, user groups, or vendors that may be of interest to our readers? If so, why not share it with us? We need all of the help that we can get. Please send any info that you might have to: Rod Gowen, C/O CCAT/S, 1419 1/2 7th Street, Oregon City, OR 97045, or, phone in at: 503/655-7484, 10 AM- 10 PM weekdays. I know that the entire user group will appreciate it!

TIME DESIGNS MAGAZINE-is now on the forum on Compuserve. All of the regular users were pleased to see Tim on the forum. Now that he is on, he will better be able to "feel" the pulse of the TS users. Now when you want to get in touch with TDM, you can get on CIS and leave a message.

PATS-Portland Area Timex Sinclair users group will probably be joining our ranks. We are pleased to have them. We hope that the merger will improve both clubs. PATS will retain its own identity as a SIG for Machine Language users.

RMG ENTERPRISES-now has the QL kits available if you are interested. The new catalog will be a couple of weeks yet, but is in the works.

ELECTIONS-are this month. Make sure that you fill out and return your ballots!! If it is not in to our hands before December 15th, your vote will not count. If you want a say in who will be in charge of YOUR user group, VOTE!!!!!!!!!!

PC TALKER-is a very nice voice synthesizer for the QL. It makes use of Serial port 2. You can send almost anything to it that you would normally send to the printer. This unit is priced at about \$70+shipping and is available exclusively from CURRY COMPUTER in Glendale, AZ.

Continued page 4

ARROW SOFTWARE!-is working very fast to get new products out. At the same time, we want to make sure that the quality of the product remains high. After releasing SOUNDESIGN last month, ARROW is now working on one called SCR# DESIGNER. It is another programming utility for all of you 2868 programmers. It will allow you to design a SCR# with a wide variety of fonts, letter styles, sizes as well as colors. It is even going to incorporate a side scrolling message board. We think that it will be a real nice addition to any programmers' library. There are other ideas coming from James. We hope to see a lot more from ARROW.

SIG?-Now that there are 8 of our group using QLS, is there enough interest to support a SIG for QLS? If you are interested in such a SIG, let us hear about it. Come to the December meeting and tell us. Call us and tell us. Write us and tell us! We may have a lot to gain by the use of SIGS. Don't know what a SIG is? A SIG is short for "SPECIAL INTEREST GROUP". PATS is to be our Machine Language SIG for TS machines using the 280 processor. The QL SIG would be concentrating on the use and programming for the 68008 based computer only. See the next BIT for info on another SIG.

ANTHORNE TECHNOLOGY-is a local area Portland business that is supporting all 68008 based computers. They are starting a new SIG and have opened it up to all interested parties. It will focus on programming the operating systems on these machines. If you are interested, call Rod at RMG. Phone: 655-7484.

THE PLOTTER-will begin to feature a PATS PAGE as soon as our merger is complete. It will be dedicated to informing the PATS SIG of the time and place of their next meeting as well as a place for them to put forth any other information that they may wish to send in.

QL WORLD USER-magazine will be in stock at RMG starting next month. If interested, call 655-7484 for info.

Out of room again? Well, maybe we can get more in next months' column!

Sharing my experiences with Pro/File + 3. Richard Abrahamson

I use Pro/File + 3 to keep track of multiple variables of data. I find that it's more convenient than Tom Woods' original, and it has 1 K more storage capacity.

After my data is in the machine I have to look for various combinations and relate them. I used to write down the combinations and the totals, but those always looked like the rest of the scratch sheets to be discarded. I wrote to Robert Fischer and asked his advice on printing them. He suggested a couple of avenues and the one that works best is: 7226 IF J\$="T" AND Y\$="C" THEN LPRINT X\$:T1;" ";T1;" ";T0 PUT in as many spaces as you need between the quotation marks. T1 holds CNT, T holds SUM1, T0 holds SUM2, and X\$ holds SEARCH COMMAND. Mr. Fischer uses some programming shorthand so this comes out: 7226J\$="T"VY\$="C"[X\$:T1;" ";T1;" ";T0 when you look at the program. The printed record of my efforts looks like:

```
SEARCH IS COMPLETE
05/85\
35          105.24          2283
```

The only problem I have with the + 3 there are times when it's difficult to save and load the data. It appears to happen when I've been using the computer for a while so I think it has something to do with the computer getting warm although other programs such as Tasword work just fine at that time.

The program feels a bit slow in changing from a data file back to the main menu when compared to the original, but that's more than compensated by its features.

REVIEW

Dick Wagner

BYTE POWER MAGAZINE

Published by: BYTE POWER
Editors: Eric & Kristian Buisvert
Address: 1748 Meadow Ave.
Pickering, Ontario, Canada,
L1V368
Price: \$5.50 US single copy PP

I purchased issue # 1 to learn about this new venture in publishing this novel magazine. The publishers stated policy is to provide articles about the T/S world and provide quality programs, mainly in machine language. The editors propose about 130 programs in 12 issues.

The magazine format starts with an explanation of publishing policy, has an article on the Wafadrive, and includes a section on program instructions. An index is provided.

The instructions include a list of programs, loading time from tape, program type, author, and program description. This issue has 28 minutes of tape time in duplicate.

The list of programs is rather impressive for the first issue, 3 sound and music, 1 sound/graphics, 7 games, word process for 2040 printer, and a renumber routine.

Due to a minimal amount of BASIC the user cannot readily adapt these programs to change or use within another program. Nor can much program study be accomplished. One clever use of a POKE is used for breaking the program to permit a copy to be made. See my article on killing a LOAD instruction where a key word is required to make a LOAD. A sound program does provide the data for the tune generated.

For some specifics about programs on this tape, Grand Prix gives you fast driving practice over one of 4 selected race tracks. The driver has speed control and steering (joystick can be used). You race against time and tire wear-out. The car is fixed

but the front wheels move sideways. The terrain and road are like a regular arcade game.

Hang Man is an unusual word game while Knights Tour is a strategy chess game. The board and chess men are not much like the QL chess game. Robot is a game of marksmanship, firing at a vast number of robots descending on Earth. Paranoid is a mind game for younger people tho I don't do well at it.

If classical music is your thing, one program has a series of classical music selections that are selectable. There is also one sound program that has the music routine in BASIC. For word processing, a program produces typed lines on the 2040 printer. The printing is sideways so a series of 'pages' can be assembled into a up to about 120 columns wide message. A renumber utility will renumber your listing, handling GOTO, GOSUB, etc .

At todays prices for taped programs this is a good buy, plus it sure saves time in copying listings and they do work. Question: can the editors meet their goal in programs, considering the time it takes to turn out perfect machine code?

COMMENTS ON COMPUERVE

by: ROD GOVEN
CIS# 70436,1542

CIS: That stands for:
COMPUERVE INFORMATION SERVICE.
The definition is for those of you not familiar with the service.

This is the way I have been starting this column since I started it. I had hoped that we would have some reader input by this time. However, apart from a few spoken comments, I have had no response to the column, either good or bad.

Continued page 6

I have walked you through logging in to the service, setting up a personal menu, finding your way to the TS forum, downloading a file from the DATA LIBRARY and a general overview of the system. I do not know of anything else that I can tell you about in this column. If any of you have any questions or comments, tips or hints or other material that you think might be of general interest, please write and let me know. I'll be more than happy to write about it or we will print your info in this column.

One quick note: Someone asked me the other day: "I set up a personal menu on CIS about 6 or 8 weeks ago, but last week, when I logged on, I could not find it! What happened? Did I do it wrong?". To answer his question for all to read: No, you did not, in all likelihood, do it wrong. If it worked when you did it, it was done correctly. What happened is just what I said would happen in my column on Personal Menus. If you do not log on to CIS at least every 30 days, the system wipes out your menu and you will have to redo it. All it takes to keep it there is just to log on at least once in each 30 day period.

I'll be looking for letters and comments. See you when I get them.

QL Corner

Vince Lyon

To run this month's demo, have your QL in TV mode and a formatted cartridge in MDV1_.

Now we have a chance to look at a few of the facilities and commands we haven't explored before. Note line 35 (aZ=k) which is the new QL method of assigning the INT command. When the program is run, you will notice that the QL always rounds properly without adding the .5 to the function as was necessary with the 2068.

The program then does some demos of the PAN and SCROLL commands, and a screen save and recall. If you run the program a second time, make sure to DELETE MDV1_display, since the QL will not automatically overwrite an existing file.

Now to some more serious business - I have been informed by my wife that my eyes are starting to look like two cherries in a glass of buttermilk. It seems that she thinks I spend too much time staring at a CRT trying to come up with little tidbits for the QL column. Since the only time available to me to write these ideas is usually after midnight, I guess she's probably right.

If this column is to survive, and my eyes return to normal, its essential that there be more input. Several past appeals have not generated any response, and I am about out of ideas to pursue. Your questions & comments, however, can give me a starting point for a column. So, if you want the QL CORNER to continue - write us about something - anything.

```

10 DEFINE PROCEDURE show_int
15 PAPER 0:INK 7:BORDER 6,2,7
20 CLS:CLS #0
25 PRINT:PRINT
30 FOR k=1 TO 2 STEP .1
35 aZ=k
40 PRINT TO 3;"k=";k;
45 INK aZ+2
50 PRINT TO 2+(aZ*10); "INT = ";aZ
55 INK 7
60 END FOR k
65 PAUSE 240
70 END DEFINE
75 DEFINE PROCEDURE move_up
80 FOR k=1 TO 105
85 SCROLL -1
90 NEXT k
95 CLS
100 END DEFINE
110 DEFINE PROCEDURE move_down
115 FOR k=1 TO 135
120 SCROLL 1
125 END FOR k
130 CLS
135 END DEFINE
140 DEFINE PROCEDURE move_right
145 FOR k=1 TO 185
150 PAN 3

```

```

155 END FOR K
160 CLS
165 END DEFine
170 DEFine PROCedure do_display
175 CLS:CLS #0
180 BLOCK 70,130,10,10,5
185 BLOCK 300,10,85,70,2
190 BLOCK 20,120,35,15,3
195 AT 5,8:PRINT "THIS IS THE DISPLAY"
200 AT 12,10:PRINT "I WILL SAVE IT"
205 AT 15,15:PRINT "TO MDV1_"
210 END DEFine
215 DEFine PROCedure file_display
220 SBYTES mdv1_display,131072,32768
225 PRINT #0\,\,,"NOW IT'S SAVED"
230 END DEFine
235 DEFine PROCedure recall_display
240 CLS #0
245 PRINT #0\,\,,"I'M READY TO RECALL"
250 PAUSE 240
255 PAPER 0
260 BORDER 0,0
265 CLS:CLS #0
270 LBYTES mdv1_display,131072
275 END DEFine
300 show_int:move_up
305 show_int:move_down
310 show_int:move_right
315 do_display:file_display
320 PAUSE 360:CLS
325 recall_display
330 PRINT #0\,\,,"    END OF DEMO ";

```

REACTION ON YOUR COMPUTER

Dick Wagner

Try this reaction game on your computer. It is really for the young ones in your family so program it in for them. Revised from a program in ZX COMPUTING, FEB/MAR 1984. Programmed for the 2068 but with changes in the auto it will work with a ZX 81/1000/1500 also.

```

10 PRINT AT 4,5;"EMERGENCY STO
P"
20 PRINT AT 10,1;"WHEN YOU SEE
A CAR AHEAD","PRESS ±± TO STOP"
25 LET F=300
30 PAUSE F
40 CLS
50 LET B=2
60 LET T=PI-PI
70 LET K=PI/PI
75 IF INKEY$<>"±" THEN GO TO F/
4
80 PAUSE RND±F
85 LET P=3
90 PRINT AT 10,P;"

```



```

130 FOR J=1 TO 52
140 IF INKEY$="Z" THEN GO TO F
150 IF J=52 THEN PRINT AT VAL "
15",5;"OUCH YOU CRASHED"
160 NEXT J
300 LET T$=STR$ (J/25.5)
305 LET T=VAL (T$( TO 5))
310 IF T<8 THEN LET B=T
315 PRINT
320 PRINT "TIME=";T;" SECONDS",
"BEST=";B
322 PRINT
325 LET D$=STR$ (T±20±3.28/3)
327 LET D=VAL (D$( TO 4))
330 PRINT "YOU TRAVEL ";D;" FEE
T AT 44.8 MPH"
335 PAUSE F
340 CLS
350 IF K=5 THEN GO TO 10
360 GO TO VAL "75"

```

KNOTS OR SNAKES

Dick Wagner

The object of this T/S 1000 game is to eat as many bugs (*) as possible as you guide your worm (o) over the bugs. As your worm leaves a trail you cannot cross it!

Keys 5, 6, 7, and 8 move the worm and R starts the game over again. Great for the kids as it runs up a score so several can play.

From ZX COMPUTING Feb/Mar 1984. Try going back to a 1k memory program.

```

3 REM KNOTS OR SNAKES GAME, E
AT AS MANY BUGS (±) AS POSSIBLE
4 REM YOUR SNAKE IS (O). IT C
ANNOT CROSS ITS TAIL AS IT GROWS
. PRESS "R" TO GET OUT.
5 CLS
7 LET S=0
10 FOR X=5 TO 287
20 PRINT "inverse space or CHR
$ 128";
30 NEXT X
35 PRINT "SCORE ";S
40 LET X=1+PEEK 16396+256±PEEK
16397
50 LET J=X
55 LET C=J+RND±297
56 IF PEEK C<>128 THEN GO TO 5
5
57 POKE C,151
60 POKE X,156
65 LET K=X
70 LET X=X+(INKEY$="8")+33±(IN
KEY$="6")-(INKEY$="5")-33±(INKEY
$="7")
75 IF INKEY$="R" THEN RUN
80 IF PEEK X=151 THEN GO TO 20
0
90 IF PEEK X<>128 THEN LET X=K
100 GO TO 60
200 POKE X,156
210 LET S=S+1
220 PRINT AT 9,6;S
230 GO TO 55

```

XX

LIBRARY NOTE



COMPLETE BUSINESS SERVICES, INC.
19197 S. Molalla Avenue
Oregon City, Oregon 97045
656-3737

E. : ROD GOWEN

Just a quick note to tell you all that the Library is now ready for you to make better use of. It was formerly a pile of boxes and magazines in a corner of my basement, but this past week, our new Librarian, James Edwards, and myself put up some nice new shelves to better display the Library for your use. After it is reorganized, it will be a very simple job for you to find anything that we have in just a few minutes. We have 12 feet of shelf space to use. Why not stop by some time and take a browse through what we have to offer. You might find something that you are interested in. I will not be bringing as much to the meetings as I used to, as there is just too much to choose from and we have a hard time making up our minds what to bring.

One other note: Anyone who owns and uses PROFILE 2368 can get a copy of the Library Index for your own use. We have both the book/magazine list as well as tape index.

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